AMSAT News Service Weekly Bulletins
Issue: ANS-022
Date: 2023-01-22
Sources: amsat-ans-2023-ans-022-weekly-hyperkitty-8d1d41564c.txt

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AMSAT NEWS SERVICE
ANS-022

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The AMSAT News Service bulletins are a free, weekly news and information service of AMSAT, The Radio Amateur Satellite Corporation. ANS publishes news related to Amateur Radio in Space including reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

The news feed on http://www.amsat.org publishes news of Amateur Radio in Space as soon as our volunteers can post it.

Please send any amateur satellite news or reports to: ans-editor [at] amsat [dot]org.

You can sign up for free e-mail delivery of the AMSAT News Service Bulletins via the ANS List; to join this list see: https://mailman.amsat.org/postorius/lists/ans.amsat.org/

ANS-022 AMSAT News Service Weekly Bulletins

To: All RADIO AMATEURS
From: Radio Amateur Satellite Corporation
712 H Street NE, Suite 1653
Washington, DC 20002

DATE 2023 Jan 22

AMSAT Exhibiting at 2023 Hamcation

AMSAT will be at Hamcation 2023 on Friday through Sunday, February 10-12, 2023. The AMSAT booth will be located at the west end of Central Florida Fairgrounds and Expo Center's East West Hall (main building as you enter from the parking lot). right next to our friends and partners ARISS-USA. AMSAT staff and volunteers will be on hand to answer your questions and provide amateur satellite, SatPC32, and CubeSatSim demonstrations.

In addition, AMSAT will host a forum on Sunday, February 12, from 11:00AM - 12:00PM. AMSAT President, Robert Bankston, KE4AL, will kick off Shaping the Amateur Radio Satellite World of Tomorrow, an open discussion on developing the next generation of amateur radio satellites.

[ANS thanks Robert Bankston, KE4AL, AMSAT President for the above information.]

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Alan P. Biddle, WA4SCA
John D. Botti, KC8OKB
William G. Brown, K9LF

Platinum ($2,400+)
Steve Belter, N9IP
Ronald G. Parsons, W5RKN
Cheryl Printon

Gold ($1,200+)
Anonymous
Dwight Aussieker, K9QJ
Douglas Besemer, K0VPL
Burns Fisher, WB1FJ
James Hain, W2IMY
Joseph Lynch, N6CL
John R. Kludt, K7SYS
Glenn Miller, AA5PK
Mary Lou Monteiro
John Pinkham, K3PER
Thomas Schaefer, NY4I
Michael Stipick, KC4RI
Douglas B. Tabor, N6UA

Silver ($600+)
John Boehme, K4PRK
Warren Fugate, W3WE
Mark Johns, K0JM
Jean-Louis Maridet, F5DYD
Patrick Maroney, KD0YMO
Bruce Paige, KK5DO
David A. Vine, WA1EAW
Chuck Weaver, W3VAR

Bronze ($300+)
Anonymous
Scott Danzer, N1XCY
Robert Grattan III, N4MRV
Allen Kenney, KK4AK
Donald J. Lum, WA6ICW
Bruce Perens, K6BP
Donald Pettigrew, K9ECT
Scott Shaheen, WB8OOJ
Thomas Talley, K0CFI
Dave Taylor, W8AAS
Rickey N. Walker, K4TD

Core ($120+)
Oscar Alonso, N6PAZ
Dwight Aussieker, W9QJ
Steve Bachhuber, K9SJB
Robert Brennan, KC3CKV
Burlington Amateur Radio Club
George Carr, WA5KBH
Michael Caughey, N2BT
Jim Clary, ND9M
Richard Dittmer, KB7SAT
Todd Dugdale, KD0TLS
John Flowers, K4ZMR
James Gallagher III, KB3SQS
George Gallis, AL7BX
David Grebe, WA4LM
David Hartrum, WA3YDZ
Stephen Howard, AB0XE

Nels E. Knutzen, W0PEC
Edward Krome, K9EK
Gailen Marshall, N5GDM
Brendan McNeil, ZL3BAM
Juan Munoz, TG9AJR
Andrew Northam, KE8FZT
Art Payne, VE3GNF
Maxwell Rathbone, W3POI
Larry Schroeder, KD4HSL
Jay Schwartz, WB8SBI
Jason Schwarz, N4JJS
Alton Simpson, WA5TJB
Carl Starnes, W4EAT
Paul Stoetzer, N8HM
Dennis Turner, K0DIS
Arun Vijayshankar, K6ARV
Christopher Wach,s WA2KDL
Stefan Wagener, VE4SW
Wayne Wagner, AG1A
Jim Wellinghoff, W0NBC
Jeremy Wyatt, KA2PFD

[ANS thanks Frank Karnauskas, N1UW, VP, Development for the above information.]

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Escola Secundária de Lagoa, Lagoa, Azores, telebridge via IK1SLD.
The ISS callsign was OR4ISS.
The crewmember was Josh Cassada, KI5CRH.
Contact was successful on Thursday, January 19, 2023 at 18:20:34 UTC.

The latest information on the operation mode can be found at
https://www.ariss.org/current-status-of-iss-stations.html

The latest list of frequencies in use can be found at https://www.ariss.org/contact-the-iss.html

[ANS thanks Charlie Sufana, AJ9N, one of the ARISS operation team mentors for the above information.]

Upcoming Satellite Operations

GO11; January 24-27, 2023
Chris, VE3FU / VO2AC / VO1FUA / VE2FUA and @Dave, VE3KG will be operating the linear and FM satellites.

[ANS thanks Paul Overn, KE0PBR, AMSAT rover page manager, for the above information.]

Hamfests, Conventions, Maker Faires, and Other Events

Orlando Hamcation
February 10-12, 2023
Central Florida Fairgrounds and Expo Park
4603 West Colonial Drive, Orlando, Florida 32808
https://www.hamcation.com/

2023 CubeSat Developer's Workshop
April 24-27, 2023
California Polytechnic State University
1 Grand Avenue, San Luis Obispo, California 93407
https://www.cubesatdw.org/

[ANS thanks Paul Overn, KE0PBR, AMSAT Events page manager, for the above information.]

Satellite Shorts From All Over

+ In 2013, Amazon launched AmazonSmile to make it easier for customers to support their favorite charities. After almost a decade of running AmazonSmile, Amazon decided that with so many eligible organizations - more than 1 million globally - their ability to have an impact was often spread too thin. Thus, Amazon will be winding down AmazonSmile by February 20, 2023. Until this date, customer purchases made via AmazonSmile will continue to accrue funds for their charity as normal. After that, Amazon will provide each charity with a one-time payment equivalent to three months of payments based on what it accrued in 2022. [AMSAT thanks AmazonSmile for the above information.]

+ It has been quite a week for the UK space industry. What was meant to mark a new era of space launch has sadly been put on hold after Virgin Orbit’s launch failure just over a week ago. The mission, “Start Me Up,” suffered a failure on Monday Jan. 9, and an investigation is underway to find the result of anomaly. Virgin Orbit has said it hopes to return to the newly inaugurated Spaceport Cornwall in the future. More information at https://tinyurl.com/ANS-022-Virgin-Orbit [ANS thanks SatelliteToday.com for the above information.]

+ The global space economy grew to $424 billion in 2022. The space industry is in a major period of growth defined by attracting new customers, breaking into new industries and courting new investment, but it's not yet clear how much the industry will grow in the coming years. The space economy grew 8% since 2021, despite facing major economic head winds caused by supply chain issues lingering after pandemic lock downs, high inflation, global tensions and other factors. [ANS thanks Axios Space for the

above information.]

+ Crew members aboard the International Space Station (ISS) this week moved astronaut Frank Rubio's seat liner - a molding designed to fit his body and make spaceflight more comfortable - from the leaking Soyuz capsule to the Crew Dragon attached to the space station. That change will allow the Crew Dragon to act as a "lifeboat" if Rubio needs to come back to Earth in a hurry. Moving Rubio to the Crew Dragon would help reduce the heat within the Soyuz if it needs to be used by Sergey Prokopyev and Dimitri Petelin for an emergency Earth return. Once the new, replacement Soyuz arrives at the station next month, Rubio's lining will be moved to that ship instead. [ANS thanks Axios Space for the above information.]

Join AMSAT today at https://launch.amsat.org/

In addition to regular membership, AMSAT offers membership to:

* Societies (a recognized group, clubs or organization).
* Primary and secondary school students are eligible for membership at one-half the standard yearly rate.
* Post-secondary school students enrolled in at least half time status shall be eligible for the student rate for a maximum of 6 post-secondary years in this status.
* Memberships are available for annual and lifetime terms.

Contact info [at] amsat.org for additional membership information.

73 and remember to help Keep Amateur Radio in Space!

This week's ANS Editor, Frank Karnauskas
N1UW [at] amsat [dot] org